

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 112959.125US2)

In re Application of: Mendlein et al.) Examiner: To Be Assigned
Serial No. 10/611,801) Group Art Unit: 3737
Filing Date: July 1, 2003)

For: METHODS AND DEVICES FOR IMPROVING ULTRASONIC MEASUREMENTS USING
MULTIPLE ANGLE INTERROGATION

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

Date: 1/26/04

Sarah Farris
Sarah Farris

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Enclosed for filing in the above-identified patent application are the following documents:

1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (3 Pages);
3. Certificate of First Class Mailing; and
4. Return Postcard.

No fees are believed to be due in connection with this submission. However, please charge any fees that might be due or credit any overpayment to our Deposit Account No. 08-0219.

If there are any questions, please call the undersigned at the number below.

Respectfully submitted,

Date: Jan. 26, 2004
HALE AND DORR LLP
60 State Street
Boston, MA 02109
(617) 526-6000
(617) 526-5000 (Facsimile)

Ibrahim Hallaj
Ibrahim Hallaj, Ph.D., Reg. No. 51,768
Agent for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 112959.125US2)

In re Application of: Mendlein et al.

) Examiner: To Be Assigned
)

Serial No. 10/611,801

) Group Art Unit: 3737
)

Filing Date: July 1, 2003

)

For: METHODS AND DEVICES FOR IMPROVING ULTRASONIC MEASUREMENTS USING
MULTIPLE ANGLE INTERROGATION

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.

Date: 1/26/04

Sarah Farris

Sarah Farris

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. 1.97(b) and 1.98(d) Applicants submit herewith the attached Form PTO-1449 for filing in the above-referenced application. The present application is a continuation of U.S. Patent Application No. 09/071,854 (now U.S. Patent No. 6,585,649) which is a continuation of U.S. Patent Application No. 09/036,940 (now U.S. Patent No. 6,013,031). The Form PTO-1449 attached herewith lists references that were already submitted by the Applicants in the parent applications. Therefore, pursuant to 37 C.F.R. § 1.98(d), no copies of the previously cited art are enclosed. This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) before the mailing date of the first Office Action, therefore no fee is believed to be due.

Please charge any fees that might be due in connection with this matter to Deposit Account No. 08-0219. If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date: Jan. 26, 2004
HALE AND DORR LLP
60 State Street
Boston, MA 02109
(617) 526-6000
(617) 526-5000 (Facsimile)

Ibrahim Hallaj

Ibrahim Hallaj, Ph.D., Reg. No. 51,768
Agent for Applicants

Subt. For, PTO-1449

Docket Number
112959.125US2Application Number
10/611,801INFORMATION DISCLOSURE
IN AN APPLICATION

(Use several sheets if necessary)

Applicant
Mendlein et al.Filing Date
July 1, 2003Group Art Unit
3737

Sheet

1

OF

3

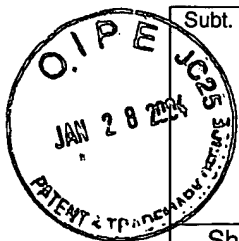
U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,648,685	Mar. 14, 1972	Hepp, J. A., et al.			Jun. 25, 1969
	3,713,329	Jan. 30, 1973	Munger, D. W.			Jan. 4, 1966
	3,782,177	Jan. 1, 1974	Hoop, J. M.			Apr. 20, 1972
	3,847,141	Nov. 12, 1974	Hoop, J. M.			Aug. 8, 1973
	4,043,181	Aug. 23, 1977	Nigam, A. K.			Apr. 18, 1975
	4,048,986	Sep. 20, 1977	Ott, J. H.			Aug. 5, 1976
	4,056,970	Nov. 8, 1977	Sollish, B. D.			Oct. 30, 1975
	4,217,912	Aug. 19, 1980	Hubmann, M., et al.			Sep. 13, 1978
	4,224,829	Sep. 30, 1980	Kawabuchi, M., et al.			Nov. 21, 1978
	4,235,243	Nov. 25, 1980	Saha, S.			Oct. 23, 1978
	4,242,911	Jan. 6, 1981	Martin, H. E.			Feb. 1, 1979
	4,328,707	May. 11, 1982	Clement, et al.			Jun. 18, 1972
	4,361,154	Nov. 30, 1982	Pratt, G. W.			Jun. 15, 1979
	4,383,533	May. 17, 1983	Lovelace, A.M., et al.			Feb. 10, 1981
	4,421,119	Dec. 20, 1983	Pratt, G. W.			Dec. 11, 1981
	4,446,737	May. 8, 1984	Hottier, F.			May. 9, 1983
	4,476,873	Oct. 16, 1984	Sorenson			Sep. 3, 1982
	4,522,068	Jun. 11, 1985	Smith, G. E.			Nov. 21, 1983
	4,530,360	Jul. 23, 1985	Duarte, L. R.			Nov. 12, 1982
	4,658,827	Apr. 21, 1987	He, P., et al.			May. 31, 1985
	4,669,482	Sep. 26, 1995	Ophir, et al.			Oct. 28, 1985
	4,688,428	Aug. 25, 1987	Nicolas, J. M.			Mar. 25, 1986
	4,702,258	Oct. 27, 1987	Nicolas, J. M., et al.			Feb. 4, 1986
	4,774,959	Oct. 4, 1988	Palmer, S. B., et al.			Jan. 10, 1986
	4,830,015	May. 16, 1989	Okazaki, K.			Sep. 9, 1987
	4,913,157	Apr. 3, 1990	Pratt, G. W., et al.			Jun. 3, 1986
	4,930,511	Jun. 5, 1990	Rossman, P. J., et al.			May. 11, 1988
	5,042,489	Aug. 27, 1991	Wiener, S. A., et al.			Oct. 10, 1990
	5,054,490	Oct. 8, 1991	Rossman, P. J., et al.			Apr. 25, 1989
	5,099,849	Mar. 31, 1992	Rossman, P. J. et al.			Mar. 5, 1990

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.



Subt. For, PTO-1449

**INFORMATION DISCLOSURE
IN AN APPLICATION***(Use several sheets if necessary)*Docket Number
112959.125US2Application Number
10/611,801Applicant
Mendlein et al.Filing Date
July 1, 2003Group Art Unit
3737

Sheet

2

OF

3

	5,119,820	Jun. 9, 1992	Rossmann, P. J. et al.			Oct. 7, 1991
	5,218,963	Jun. 15, 1993	Mazess, R. B.			Oct. 15, 1991
	5,271,403	Dec. 21, 1993	Paulos, J. J.			Sep. 5, 1991
	5,343,863	Sep. 6, 1994	Wiener, S. A., et al.			Jun. 8, 1992
	5,349,959	Sep. 27, 1994	Wiener, S. A., et al.			Jun. 4, 1993
	5,452,722	Sep. 26, 1995	Langton, C. M.			Jun.22, 1993
	5,483,965	Jan. 16, 1996	Wiener, S. A., et al.			Mar. 1, 1995
	5,547,459	Aug. 20, 1996	Kaufman, J. J., et al.			Oct. 25, 1994
	5,564,423	Oct. 15, 1996	Mele, R., et al.			Jan. 11, 1995
	5,603,325	Feb. 18, 1997	Mazes, R. B., et al.			Jan. 6, 1995
	5,649,538	Jul. 22, 1997	Langton, C. M.			Feb. 8, 1996
	5,651,363	Jul. 29, 1997	Kaufman, J. J., et al.			Feb. 16, 1996
	5,785,656	Jul. 28, 1998	Chiabrera, A., et al.			Sep. 6, 1996
	5,806,520	Sep. 15, 1998	Berger, G., et al.			Mar. 24, 1995
	5,810,732	Sep. 22, 1998	Hamatsu, N., et al.			Dec. 6, 1996

Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 80/02796	June 9, 1980	PCT				

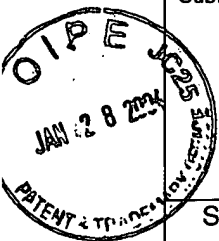
Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

A1	Agren, M., et al., Calc Tiss Int, vol. 48, pp. 240-244, 1991.
A2	Biot, M. A., J Acoust Soc Am, vol. 34, pp. 1254-1962.
A3	Blake, G. M., et al., Br J Radiol, vol. 67, pp. 1206-1209, 1994.
A4	Brooke-Wavell, K., et al., Calc Tissue Int, vol. 57, pp. 20-24, 1995.
A5	Chappard, C., et al., Osteoporosis Int., vol. 7, pp. 316-322, 1997.
A6	Dretakis, E., et al., Br J Radiol, vol. 67, pp. 636-638, 1994.
A7	Evans, W. D., et al., Phys Med Biol, vol. 40, pp. 137-151, 1995.
A8	Faulkner, K. G. et al., Am J Roentgenol, vol. 157, pp. 1229-1237, 1991.
A9	Fournier, B., et al., Osteoporosis Int., vol. 7, pp. 363-369, 1997.
A10	Gluier, C.C., et al., J Bone Min Res., vol. 7 (9), pp. 1070-1079, 1992.
A11	Gluier, C. C., et al., Calc Tiss Int. vol. 55, pp. 46-52, 1994.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.



Subt. For, PTO-1449				Docket Number 112959.125US2		Application Number 10/611,801	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant Mendlein et al.			
				Filing Date July 1, 2003		Group Art Unit 3737	
Sheet	3	OF	3				

B1	Goss, A. A., et al., J Acoust Soc Am, vol. 64 (2), pp. 423-457, 1978.
B2	Greenspan, M., et al., J Acoust Soc Am, vol. 31, pp. 75-76, 1959.
B3	Hans, D., et al., Bone, vol. 16, pp. 295-300, 1995.
B4	Johansen, A. et al., Osteoporosis International, vol. 7, pp. 44-47, 1997.
B5	Jorgensen, H. L., et al., Bone, vol. 21, pp. 109-112, 1997.
B6	Kotzki, P. O., et al., Calc Tiss Int. vol. 54, pp. 91-95, 1994.
B7	Lang, P., et al., Radiol Clin North Am, vol. 29, pp 49-76, 1991.
B8	Langton, C. M., et al., Bone, vol. 18, pp. 495-503, 1996.
B9	Langton, C. M., et al., Eng Med, vol. 13, pp. 89-91, 1984.
B10	Laugier, P., et al., Bone, vol. 20 (2), pp. 157-165, 1997.
B11	Laugier, P., et al., Calc Tiss Int., vol. 58, pp. 326-331, 1996.
B12	Laugier, P., et al., Clinical Rheumatolgy, vol. 13 (Suppl. 1), pp. 22-32, 1994.
B13	Laugier, P., et al., Calc Tiss Int., vol. 54, pp. 83-86, 1994.
B14	McCloskey, E V., et al., Clin. Sci, vol. 78, pp. 221-227, 1990.
B15	Njeh, C. F., et al., Med Eng Phys, vol. 18, pp. 373-381, 1996.
B16	Roux, C., et al., Bone Min Res., vol. 11 (8), pp. 1112-1118, 1996.
B17	Turner, C. H., et al., Calc Tiss Int., vol. 49, pp. 116-119, 1991.
B18	Williams, J. L., J Acoust Soc Am, vol. 91, pp. 1106-1112, 1992.
B19	Zagzebski, J. A., et al., Calc Tiss Int, vol. 49, pp. 107-111, 1991.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	